

Appendix B - www.connectworld.net/iec/Browse02/GLST.html

- **Transient**--An abrupt change in voltage, of short duration for example, a brief pulse caused by the operation of a switch. Also known as Spike.
- **Transmission**--The dispatching of a signal, message, or other form of intelligence by wire, radio, telegraphy, telephony, facsimile, or other means a series of characters, messages, or blocks, including control information & user data the signaling of data over communications channels.
- **Transmission Block**--A sequence of continuous , characters or bits transmitted a unit.
- **Transmission Control Protocol**--(TCP) TCP/IP protocol governing sequenced data.
- **Transmission Line**--An arrangement of two or more conductors or a waveguide used to transfer signal energy from one location to another.
- **Transmission Medium**--The physical mechanism that allows for signals to be passed from one data communications device to another.
- **Transmitter**--The electronic package that converts electrical energy to light energy in a fiber optic system.
- **Transparency**--A data communication mode that enables equipment to send & receive bit patterns of any form, without regard to interpretation as control characters. The user is unaware that this is taking place.
- **Transport Layer**--Layer 4 of the OSI model; it defines protocols governing message structure & some error checking.
- **Tray**--A cable tray system is an assembly of units or sections & ancillary fittings, made of non-combustible materials used to support cables. Cable tray systems include ladders, through, channels, solid bottom trays & similar structures.
- **Tree**--A LAN topology with only one route between the nodes of the network.
- **Tree Topology**--A network topology in which nodes are connected by cables to a trunk cable with a central retransmission facility.
- **Triaxial**--Refers to the three conductor cable with one conductor in the center, a second circular conductor concentric with the first, & a third conductor insulated from & concentric with the first & second, usually with insulation, & a braid or impervious sheath overall.
- **Triggers**--Uncompiled code reside on an intelligent database server.
- **Trojan Horse**--A program or data that seems innocuous when it is loaded into a system or network but later facilitates an attack by a hacker or virus.
- **Trunk**--A dedicated aggregate telephone circuit connecting two switching centers, central offices, or data-concentration devices. Also, the main network cable.